PATENT COOPERATION TREATY

From the	AL SEADCHING ALTH	UODITY	Justion In	ZATI	
INTERNATIONAL SEARCHING AUTHORITY To: ROBERT A. GOETZ MEDLEN & CARROLL, LLP 101 HOWARD STREET, SUITE 350 SAN FRANCISCO, CA 94105		PCT WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY			
				(PCT Rule 43bis	:.1)
			Date of mailing (day/month/year)	11 AU	G 2008
Applicant's or a	gent's file reference		FOR FURTHER	ACTION	- 5003
UM-09483				See paragraph 2 below	7
International app	plication No.	International filing date	(day/month/year)	Priority date (day/mo	onth/year)
PCT/US05/0140		18 January 2005 (18.01.	2005)	16 January 2004 (16.	01.2004)
International Pat	tent Classification (IPC)	or both national classificat	ion and IPC		
233, 300, 413, 3	1/437. 31/4375, 31/4353, 40/523; 546/183, 138; 54	, 31/407, 31/55, 31/395; C0 18/512	07D 471/04, 487/04,	455/02; A61P 35/00 an	d US Cl.: 514/212.07,
Applicant					
THE REGENTS	OF THE UNIVERSITY	OF MICHIGAN			
1. This opinion	contains indications rela	ating to the following item	s:		
⊠ Box	No. I Basis of the	opinion			
Box	No. II Priority				
Box	No. III Non-establi	shment of opinion with reg	gard to novelty, inven	tive step and industrial	applicability
Box		y of invention		•	-FF
Box 1	No. V Reasoned st applicability	atement under Rule 43bis., citations and explanation	1(a)(i) with regard to s supporting such sta	novelty, inventive step	or industrial
Box 1	No. VI Certain docu				
Box ?	No. VII Certain defe	cts in the international app	lication		i
Box 1	No. VIII Certain obse	rvations on the internation	al application		ĺ
2. FURTHER	ACTION				
If a demand International Authority oth	for international prelimi Preliminary Examining her than this one to be the	nary examination is made Authority ("IPEA") exc ne IPEA and the chosen II nal Searching Authority w	ept that this does a PEA has notified the	not apply where the a	
of Form PCT	ASA/220 or before the expression of the expressi	considered to be a writte appropriate, with amendm spiration of 22 months from	ents, before the expi	ration of 3 months from	rited to submit to the m the date of mailing
For further op	otions, see Form PCT/ISA	A/220.		•	
3. For further de	tails, see notes to Form I	PCT/ISA/220.			
Name and mailing	address of the ISA/ US	T	Authorized officer		
Mail Stop	PCT, Attn: ISA/US			7~4.10	200 l
Commissi P.O. Box	oner for Patents 1450		Evelyn Huang (farile:	19W
Alexandri	a, Virginia 22313-1450		Telephone No. 571		ton
Facsimile No. (703				/	101
rorm rC1/18A/237	(cover sheet) (January 20	004)			7

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US05/01406

Box No. I Basis of this opinion	_
 With regard to the language, this opinion has been established on the basis of the international application in the language in which was filed, unless otherwise indicated under this item. 	ı it
This opinion has been established on the basis of a translation from the original language into the following language which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).	j
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claime invention, this opinion has been established on the basis of:	d
a. type of material	
a sequence listing	
table(s) related to the sequence listing	
b. format of material	
in written format	
in computer readable form	
c. time of filing/furnishing	
contained in international application as filed.	
filed together with the international application in computer readable form.	
furnished subsequently to this Authority for the purposes of search.	
In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.	
4. Additional comments:	
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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US05/01406

I. Statement		
Novelty (N)	Claims 1-40	7.71
	Claims NONE	Y
T		•
Inventive step (IS)	Claims 1-40	Y
	Claims NONE	N
Industrial applicability (IA)	Claims 1-40	Y)
	Claims NONE	N
Citations and avalence in a		
. Citations and explanations:		
laims 1-40 meet the criteria set out in PCT Article H(NH2) (R1) substituent.	33(2)-(3), because the prior art does not teach or f	airly suggest the instant X-
laims 1-40 meet the criteria set out in PCT Article made or used in the pharmaceutical industry as a	therapeutic agent for treating a disorder responsive	se the subject matter claimed of
•	1 The agent to thomas a disorder responsive	c to the natuction of apoptosis